

WHAT IS CLAIMED IS:

1. A drill stand for a core drilling machine (1) for driving an annular core bit (2) rotatable about a rotational axis (A), the drill stand comprising a base plate formed of a post plate (3) and a vacuum plate (6) securable with each other with a possibility of displacement relative to each other in a plane (E) separating the post and vacuum plates (3,6); post means (5) for supporting the core drilling machine (1); attachment means (4) for securing the post means (5) on the post plate (3); and vacuum planar attachment means (7) for mounting the vacuum plate (6) on a surface.

2. A drill stand according to claim 1, further comprising a locking bolt (8) for frictionally positively securing the post plate (3) on the vacuum plate (6).

3. A drill stand according to claim 2, wherein the post plate (3) has an elongate opening (10) extending radially to the rotational axis (A) of the annular core bit (2), and the locking bolt (8) extends through the elongate opening (10).

4. A drill stand according to claim 2, wherein the locking bolt (8) has a lever knob (9).

5. A drill stand according to claim 1, wherein the post plate (3) has at least two alignment elements (11) longitudinally adjustable along surface normals to the separating plane (E).

6. A drill stand according to claim 5, wherein the alignment elements (11) are formed as alignment screws.

7. A drill stand according to claim 1, wherein the post plate (3) includes levelling means (12).

8. A drill stand according to claim 7, wherein the levelling means (12) is a boxed air level.

9. A drill stand according to claim 1, wherein the post means (5) comprises two, spaced from each other and extending parallel to each other, stand (5) arranged circumferentially with respect to the rotational axis (A) of the annular core bit (2).

10. A drill stand according to claim 9, wherein the two stand posts (5) are arranged symmetrically to each other with respect to the rotational axis (A) of the annular core bit (2).

11. A drill stand according to claim 1, wherein the post plate (3) has a concave recess (13) open toward the rotational axis (A) of the annular core bit (2).

12. A drill stand according to claim 1, wherein a side of the post plate (3) adjacent to the vacuum plate (6) is shaped as a segment of a circle.